

System includes the PV-S98A video cassette recorder with serial cable, infra-red remote control, demonstration software and operator's manual.

Specifications - PV-S98A

Tape Section

Tape Format:	S-VHS/VHS NTSC Standard with Hi-Fi Audio
Video Signal System:	NTSC-type color signal
Video Recording System:	Rotary, slant-azimuth 4-headed and flying erase helical scanning
Tape Width:	1/2 inch
Tape Speed:	SP mode: 1.31 ips; EP mode: 0.43 ips
Maximum Recording Time:	8 hours (T-160 tape, EP mode); 2 hours 40 minutes (T-160 tape, SP mode)
Rew/FF Time:	2.5 minutes with T-120 tape, typical
Slow Motion Speeds:	1, 3, 6 frames/sec.
Video Input:	0.5 to 2.0 V (p-p), 75 ohm, unbalanced - BNC
Video Output:	1.0 + 0.1 V (p-p), 75 ohm, unbalanced - BNC
Video S/N Ratio:	More than 43 dB
Horizontal Resolution:	S-VHS: more than 400 lines; VHS: 240 lines (typ.)
S-VHS Input/Output:	Luminance (Y): 1.0 V (p-p), 75 ohm, unbalanced; Color (C): 3.58 MHz burst, 0.286 V (p-p), 75 ohm, unbalanced
Audio Input:	-8 dB, 47 K ohm, unbalanced
Audio Output:	-8 dB, high impedance load
Audio S/N Ratio:	More than 40 dB
Audio Frequency Response:	100 Hz to 10 kHz
Hi-Fi Audio Input:	-8 dB, 47 K ohm, unbalanced
Hi-Fi Audio Output:	-8 dB, high impedance load
Hi-Fi Audio Dynamic Range:	More than 90 dB
Hi-Fi Audio Channel Separation:	More than 60 dB
Hi-Fi Audio Frequency Response:	20 Hz to 20 kHz

Tuner Section

Channel Coverage:	VHF: Channels 2 to 13; UHF: Channels 14 to 69; CATV: Channels A-5 to A-2, A to W, AA to WW, AAA to WWW, AAAA to LLLL (4+)
Antenna Input:	VHF/UHF; 75 ohm, unbalanced
RF Output:	VHF/UHF; 75 ohm, unbalanced
VHF Output Signal:	Channel 3; 4 or Off; switchable

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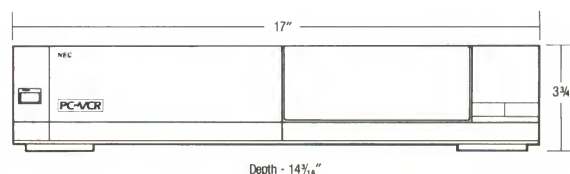
D-Sub Conn:	Female, 25 pin
Data Bits:	8
Start/Stop Bits:	1
Data Rate:	1200 baud
Parity:	None

Clock/Timer Section

Timer Recording:	Maximum 8-event, 21-day
Clock Reference:	AC line frequency
Memory Back-up:	10 minutes

General

Power Requirements:	AC 120V, 60Hz, 3 wire cord
Power Consumption:	42 watts
Temperature:	Operating: 41° to 104° F; Storage: -4° to 140° F
Dimensions (W×H×D):	17"×3 3/4"×14 1/8"
Weight:	19 lbs. Shipping: 22 1/2 lbs.





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A standard RS-232 serial port is all you need to turn your computer into a command center, allowing it to not only control all VCR functions, but to receive exact frame number and location data back from the video tape. You can create interactive multimedia programs simply and easily, all in-house.

But that's just the beginning. *The PC-VCR can record frame code information on any previously recorded tape without intruding on the existing program.*

This never-before-available capability lets you frame access existing VHS tapes and customize them into your own video and audio presentations.

Imagine the possibilities: computer-interactive industrial training and classroom instruction, video storyboards and point-of-sale materials, archival image and database information retrieval. The highly innovative PC-VCR is the cost-effective, practical answer to a wide variety of audio-visual communication needs.

Limitless Applications – With the PC-VCR and the appropriate software, there is no end to the powerful opportunities you have to create and communicate.

DESKTOP VIDEO PUBLISHING. Desktop publishing has joined the video age. Now any business can produce and duplicate its own multimedia presentations on high quality S-VHS or standard VHS cassettes without investing in expensive application-specific studio equipment. The PC-VCR lets you create recorded presentations in-house using your personal computer. Record on tape, edit in video from other sources, dub in audio and then final edit the entire program into a seamless multimedia presentation that precisely fits your requirements.

You not only save time and money, you save start-up costs. The PC-VCR is so simple to operate that even non-technically skilled editors can learn to use it effectively. Best of all, you now can have complete control over how your ideas are presented—from concept to finished video.

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INTERACTIVE TRAINING AND EDUCATION. Since the PC-VCR can access all VHS video cassette programming through your PC, you can make any tape computer interactive. And that includes the entire existing library of industrial and educational tapes. The PC-VCR adds a frame-accurate time code track onto any previously recorded VHS tape, so you can use your PC to insert your own material and generate programs that are far more friendly, memorable and tailored to your audience. This time-code information does not interfere in any way with the audio or video information already recorded on the tape.

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ARCHIVAL RETRIEVAL. When image information storage and retrieval play an important part in your daily operations, the PC-VCR is the best librarian you'll ever have. Its frame accuracy and random-access capabilities let you precisely locate individual frames, passages or segments within the tape at the touch of your keyboard. Updates are quick and simple, too, since you can avoid the expense and delay of disc mastering associated with videodisc technology.

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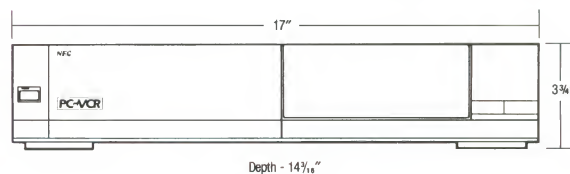
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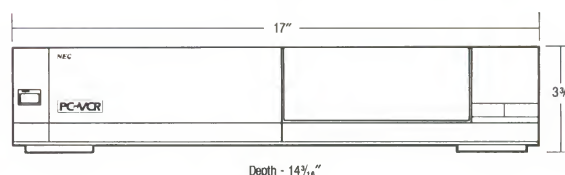
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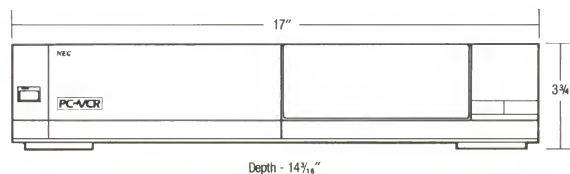
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